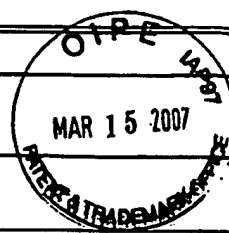


INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: March 15, 2007

ATTY DOCKET NO.
2000_1309SERIAL NO.
09/668,068APPLICANT
Mitsuaki OSHIMA et al.FILING DATE
September 25, 2000GROUP
2634 2611

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/DH/	AA	5,210,770	5-11-93	Rice			
/DH/	AB	5,519,730	5-21-96	Jasper et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
/DH/	AJ	3-13145	1-22-91	Japan			abstract	
/DH/	AK	4-322592	11-12-92	Japan			abstract	
/DH/	AL	63-253738	10-20-88	Japan			abstract	
/DH/	AM	62-502932	11-19-87	Japan			abstract	
/DH/	AN	58-107740	6-27-83	Japan			abstract	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

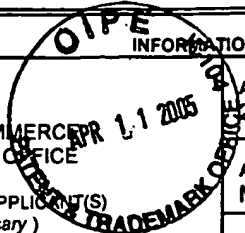
EXAMINER

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DATE CONSIDERED

04/03/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<div style="display: flex; justify-content: space-between;"> Sheet 1 of 1 <div style="text-align: center;">  <p>INFORMATION DISCLOSURE STATEMENT</p> </div> </div>							
FORM PTO 1449 (modified)			ATTY DOCKET NO. 2000_1309			SERIAL NO. 09/668,068	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			APPLICANT Mitsuaki OSHIMA et al.				
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			FILING DATE September 25, 2000			GROUP 2634 2611	
Date Submitted to PTO: April 11, 2005							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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	AD						
	AE						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
	AM						
	AN						
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
/DH/	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14					
/DH/	AP	B. Hirotsaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989					
/DH/	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex					
EXAMINER				DATE CONSIDERED			
/Dac Ha/				04/03/2007			

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INFORMATION DISCLOSURE STATEMENT							
Sheet 1 of 2 FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET NO. 2000_1309		SERIAL NO. 09/668,068	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				APPLICANT Mitsuaki OSHIMA et al.			
Date Submitted to PTO: March 21, 2005				FILING DATE September 25, 2000		GROUP 2634-2611	
PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/DH/	AA	3,824,548	7-16-74	Sullivan et al.			
/DH/	AB	3,959,726	5-25-76	Hinoshita et al.			
/DH/	AC	4,303,939	12-1-81	Stephens et al.			
/DH/	AD	4,303,941	12-1-81	Marti et al.			
/DH/	AE	4,309,726	1-5-82	Tanaka et al.			
/DH/	AF	4,535,352	8-85	Haskell			
/DH/	AG	4,564,858	1-14-86	Resch			
/DH/	AH	4,581,639	4-8-86	Judge			
/DH/	AI	4,769,819	9-6-88	Matsutani et al.			
/DH/	AJ	4,794,447	12-27-88	Tsinberg			
/DH/	AK	4,817,192	3-28-89	Phillips et al.			
/DH/	AL	5,029,003	7-91	Jonnalagadda			
/DH/	AM	5,134,464	7-28-92	Basile et al.			
/DH/	AN	5,400,084	3-21-95	Scarpa			
	AO						
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
/DH/	AP	3-48587	3-1-91	Japan			abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
/DH/	AQ	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991					
/DH/	AR	Ryutaro OHMOTO et al., "π/4-shift QPSK Subcarrier Transmission", 1991					
EXAMINER				DATE CONSIDERED			
/Dac Ha/				04/03/2007			

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Sheet 2 of 2		INFORMATION DISCLOSURE STATEMENT					
FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 2000_1309			SERIAL NO. 09/668,068		
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		APPLICANT Mitsuaki OSHIMA et al.			FILING DATE September 25, 2000		
Date Submitted to PTO: March 21, 2005		GROUP 2634-2611					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/DH/	AA	5,181,112	1-19-93	Citta et al.			
/DH/	AB	5,377,051	12-27-94	Lane et al.			
/DH/	AC	5,576,902	11-19-96	Lane et al.			
/DH/	AD	5,218,622	6-8-93	Fazel et al.			
/DH/	AE	5,561,468	10-1-96	Bryan et al.			
/DH/	AF	5,598,220	1-97	Citta et al.			
/DH/	AG	5,802,241	9-1-98	Oshima			
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	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
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